

HERRON TESTING LABORATORIES, INC.  
CROBAUGH DIVISION  
INORGANIC AND ORGANIC ANALYSIS  
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March 9, 1981

U.S. Environmental Protection Agency  
230 South Dearborn  
Chicago, Illinois 60604

US EPA RECORDS CENTER REGION 5



468498

Attn: Mr. Leon Acierto  
Enforcement Division

Subject: Herron Testing Laboratories report L-8011, dated April 27, 1979  
to Harshaw Chemical Co., Elyria, Ohio

Gentlemen:

We have been requested to comment on the subject report with regard to the organic portion(s) of soil samples taken at the Harshaw Chemical site.

Solvent type matter was determined by extractions made on the soil samples and subsequent gas chromatograph and infrared studies of the extracts.

The chromatograms and IR spectrum furnished with the subject report show that organic solvent type substances were present in the soil.

There were no identifications or quantitations of these substances made at the time since such determinations were not requested nor required at the time of the sampling and analysis.

The work project was to determine certain specified parameters such as toxic metals, nitrogen content, chemical oxygen demand, oil & grease.

In addition, analyses were requested to determine the presence of organic materials.

The IR spectrum and GC results were commented upon in statement #1 of the conclusions portion of the report.

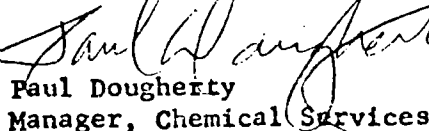
Quantitation plus identification of these materials at this point is not feasible, however, the IR spectrum shows the presence of material(s) containing some aromatics and carbonyl containing groups.

Such carbonyl containing compounds could be esters, fatty acids, ketones, etc.

We hope we have furnished information sufficient to your needs. Please contact the undersigned if you have further questions.

Very truly yours,

CROBAUGH DIVISION  
HERRON TESTING LABORATORIES, INC.

  
Paul Dougherty  
Manager, Chemical Services

PD/mam